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MIYOSHI SHINJI(54) AUSTENITIC STAINLESS STEEL, PIPING
SYSTEM, AND CONTACT FLUID PARTS

(57) Abstract

PURPOSE: To produce an austenitic stainless steel excellent in metallic contamination-free characteristic, liberation gas characteristic, non-catalytic property, and corrosion resistance and capable of attaining ultrahigh purity gas supply or atmosphere when used as constituting material for piping system, contact gas parts process equipment, etc.

CONSTITUTION: This steel has a composition containing, by weight, 20.03% Mn, 20.001% S, 20.05% Cu, 20.01% C, and 20.01% Al. This steel is particularly suitable for welding use.

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